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Risk Analysis Training," Task No. 533

Sanitary and Phytosanitary Training Report

Final Report 14 September 2005

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ABSTRACT

During July 10-14, 2005 training related to the World Trade Organization Agreement on the Application of Sanitary and Phytosanitary Measures was provided to 26 officials of the Government of the Hashemite Kingdom of Jordan. This report documents that training, and provides observations and recommendations.

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ACRONYMS

AMIR Achievement of Market Friendly Initiatives and Results

APHIS Animal and Plant Health Inspection Service

EPPO European and Mediterranean Plant Protection Organization

FDA Food and Drug Administration

IPPC International Plant Protection Convention

MRL Maximum residue level SPS Sanitary and Phytosanitary WTO World Trade Organization

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EXECUTIVE SUMMARY

During July 10-14, 2005 training related to the World Trade Organization (WTO) Agreement on the Application of Sanitary and Phytosanitary (SPS) Measures was provided to 26 officials of the Government of the Hashemite Kingdom of Jordan. During the three-day session, handouts were provided with all information necessary to harmonize Jordanian SPS measures with international recommendations, identify measures that are in excess of international standards for which risk assessment must be conducted, and evaluate and comment on proposed SPS measures of other WTO members. In addition, the risk assessment reports and tools will allow the participants to conduct qualitative risk assessments and formulate border control policies applicable to live animals and plants.

The characteristics of the group of participants were in stark contrast to those that participated in similar training provided by the AMIR Program in 2000-2001. During that period, many of the trainees were older, resistant to change and learning completely new concepts, which in turn were perceived to be extremely difficult to implement. Among the current group of training participants, most are qualified to implement Jordan's commitments under the SPS Agreement. This is particularly the case among officials of the veterinary service and the plant protection group. Officials responsible for food safety appear to be less capable, which is likely a reflection of the historic role of the Ministry of Health (medical doctors) in food safety control in Jordan and the ongoing development of the Food and Drug Administration (FDA).

The government could benefit from further technical training on quantitative risk assessment and sampling procedures at the border. A successful training program on quantitative risk assessment could require up to three weeks of training and should include use of relevant software and models. Australia may be willing to provide such training today since most live sheep imported into Jordan are from Australia. The U.S. Department of Agriculture's Animal and Plant Health Inspection Service (APHIS) is a good alternative.

Additional training on border control could be extended to issues beyond Aqaba. Risk-based sampling is being applied in the Aqaba Free Zone but not at the Jordanian customs border. In order to implement such a system at the Jordanian customs border, sampling rates need to be established to yield a 95-99 percent probability that goods in a particular import consignment will not endanger plant, animal or human health.

The veterinary service will shortly begin a two-year European Union-funded twinning project entitled "Reform of Jordanian Veterinary and Phytosanitary Inspection Services" with the Danish government. This project will, among others, improve the inspection and quarantine services for live plants, live animals and plant and animal products at entry (border) points. That particular objective of the twinning project is ideal for introduction of risk-based sampling concepts and techniques at Jordan's entry points.

I. INTRODUCTION

During July 10-14, 2005 training related to the World Trade Organization (WTO) Agreement on the Application of Sanitary and Phytosanitary (SPS) Measures was provided to 26 officials of the Government of the Hashemite Kingdom of Jordan (see Annex I). The training addressed issues related to application of the SPS Agreement, including use of international standards when developing national SPS measures, qualitative risk assessment, an introduction to quantitative risk assessment, border control concepts, operation of the SPS enquiry and notifications point, effective use of SPS notifications by WTO member countries, and identification of information that should be provided to importers and exporters to facilitate their economic activities. The training sessions were a combination of lectures, discussion and practical exercises. The agenda, including objectives for each day, is attached in Annex II.

The list of handouts, which were provided to all participants on a CD, includes (see Annex III for a detailed list):

- The WTO SPS Handbook;
- All training presentations;
- All electronically available international standards, guidelines and recommendations available from the World Animal Health Organization (OIE), including disease cards, the World Animal Health Code (2004) with 2005 revisions for Avian Influenza and BSE (mad cow disease);
- Oualitative risk assessment tool for animal diseases and relevant information;
- Two examples of a quantitative risk assessment for animal diseases:
- An example of food products refused entry by United States border control officials during May 2005, including the website where additional data may be obtained;
- All electronically available international standards, guidelines and recommendations available from the Codex Alimentarius Commission;
- The current Australian standard for country of origin labeling on food and the current proposal for amendment to the standard;
- Maximum residue levels (MRLs) for pesticides and/or veterinary drugs on food products traded in the EU, Australia, Canada and New Zealand and international comparisons of MRLs for beef, pork and sheep meat;
- Discussion papers on the appropriate level of protection (of human health from foodborne hazards) and risk, examples of quantitative risk assessments for food products, and the Codex Alimentarius Commission guide to risk assessment;
- All electronically available international standards, guidelines and recommendations available from the International Plant Protection Convention (IPPC) and the European and Mediterranean Plant Protection Organization (EPPO), including EPPO standards, (recommended) phytosanitary measures, and pest data sheets;
- Qualitative risk assessment tool for pests and supporting information;
- Examples of phytosanitary measures applied by Canada to apples from South Korea and Japan;
- Regulated pest lists for Canada, the United States, EPPO and Jordan;

- An example of a qualitative risk assessment by the United States for Israeli parsley;
- An example of risk-based sampling of consignments of imported food products; and
- Australia's guide to importing food products for use as a template for preparation of similar guides for Jordan.

These handouts provide the training participants with all information necessary to harmonize Jordanian SPS measures with international recommendations, identify measures that are in excess of international standards for which risk assessment must be conducted, and evaluate and comment on proposed SPS measures of other WTO members. In addition, the risk assessment reports and tools will allow the participants to conduct qualitative risk assessments and formulate border control policies applicable to live animals and plants.

II. OBSERVATIONS & RECOMMENDATIONS

A. Observations

The attendees at the training sessions were, for the most part, young and well educated. All participants seemed eager to test their knowledge and learn more about SPS concepts and the application of SPS commitments. In addition, the participants were aware of and familiar with the contents of the SPS Agreement. This situation was in stark contrast to prior SPS training provided to government officials in 2000-2001 under the AMIR 1.0 Program. During that period, many of the trainees were older, resistant to change and learning completely new concepts, which in turn were perceived to be extremely difficult to implement.

Among the current group of training participants, most are qualified to implement Jordan's commitments under the SPS Agreement. This is particularly the case among officials of the veterinary service and the plant protection group. Officials responsible for food safety appear to be less capable, which is likely a reflection of the historic role of the Ministry of Health (medical doctors) in food safety control in Jordan and the ongoing development of the Food and Drug Administration (FDA).

One of the participants, Dr. Amani Khudeir, is a veterinarian with a Masters degree in Public Health. This combination of formal training and her obviously high intelligence makes her an excellent candidate for leading the national SPS program. During one-on-one discussions with her, it was very clear that she has a complete grasp of SPS principles and understands completely how to fulfill Jordan's commitments to the WTO in this area. She should be considered a valuable government resource for ensuring WTO compliance in the SPS area.

B. Recommendations for Additional Training

During the last training session, the attendees were asked to identify those areas that had been discussed for which they either wanted or felt they needed additional training. Two topics were mentioned:

- 1) Quantitative risk assessment; and
- 2) Sampling procedures at the border.

Quantitative risk assessment

Quantitative risk assessment was only introduced to the training participants. Training on quantitative risk assessment can easily require two to three weeks of intense training. A successful training program on quantitative risk assessment would include, at a minimum, the theory of risk, international guidelines on risk assessment, international sources of information regarding results of scientific research related to plant, animal and human health and life, introduction to relevant software and/or models, and at least two

case studies—one related to human health and the other for plant or animal health. To be effective, such training must include use of relevant software and/or models, which means that training participants should have easy access to computers, both during and before/after training sessions.

In 2000-2001, a veterinarian from the state of Western Australia—Dr. Tony Martin—provided training to the veterinary service. Dr. Martin had a difficult task because the veterinary officers at that time had no prior experience with WTO-related concepts and requirements. Problems ranged from inability to use a computer, resistance to change and lack of interest. Among the trainees, only one official veterinarian (who has now left government service) was capable and, more importantly, willing to conduct quantitative risk analysis.

Australia may be willing to provide such training today since most live sheep imported into Jordan are from Australia. Alternatively, the U.S. Department of Agriculture's APHIS is staffed with veterinarians, plant scientists and economists that conduct qualitative and quantitative risk assessments. Therefore, it may be possible to interest APHIS in providing the desired training.

Sampling Procedures at the Border

During training on border control, application of the concept of risk to verification of compliance of consignments of plants, plant products, animals, animal products and foodstuffs with SPS requirements was stressed. For example, live animals being imported for the purposes of breeding tend to be high-risk since many infectious animal diseases require up to 30 days before symptoms of the disease are visible. From the perspective of food safety, unprocessed animal products and those requiring refrigeration or freezing during transport present a much higher risk to human health than do processed food products. Therefore, in order to balance costs of compliance verification with associated risk, live animals and unprocessed animal products should be subjected to a higher rate of consignment sampling (e.g., nine out of every ten) while low-risk products can be subjected to a low rate of sampling (e.g., one consignment out of ten).

Risk-based sampling is being applied in the Aqaba Free Zone but not at the Jordanian customs border. In order to implement such a system at the Jordanian customs border, sampling rates need to be established to yield a 95-99 percent probability that goods in a particular import consignment will not endanger plant, animal or human health. The sampling rates are computed based on statistical formulas using data on the historical incidence of violations of consignments with SPS requirements and the inherent risk in various agricultural and food products. There was insufficient time and data to explore this topic further and so the participants requested additional training on this topic.

The veterinary service will shortly begin a two-year European Union-funded twinning project entitled "Reform of Jordanian Veterinary and Phytosanitary Inspection Services" with the Danish government. This project will, among others, improve the inspection and quarantine services for live plants, live animals and plant and animal products at entry

(border) points. That particular objective of the twinning project is ideal for introduction of risk-based sampling concepts and techniques at Jordan's entry points. Consultations with the Jordanian project leader (Dr. Faisal Awawdeh, <u>faisal awawdeh@yahoo.com</u>, 077 765 6679) or the project coordinator (Dr. Amani Khudeir, <u>khudeir 38@yahoo.com</u>, 077 747 2353) should be pursued to ensure that risk-based sampling and associated procedures are addressed in that project.

ANNEX I: LIST OF TRAINING PARTICIPANTS

FINAL ATTENDANCE LIST

"SPS Training" 10/Jul/2005 AMIR Program, Amman

Number of Trainees by Gender:

 Women:
 11

 Men:
 15

Total Number of Event

Total: 26

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•	Khaleel Amer	Dep. of Plant Production		jafra4honey@hotmail.com	М
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Guest Name	Company Name	Business Phone	Email Address	Gender
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 Hashim Shakhatreh 	Amman Customs Agricultural Center			M
 Abeer Tayyem 	Department of Plant Protection		bushrajo@yahoo.com	F

ANNEX II: TRAINING SERIES AGENDA

Training Series: Complying with and Benefiting from the WTO Agreement on the Application of Sanitary and Phytosanitary (SPS) Measures

July 10, 2005, 09:45 – 14:00 (Day 1)

Objectives: 1) Understand the requirements of the SPS Agreement; 2) Identify elements of SPS system in Jordan that do and do not work well

- 09:00 Registration and coffee
- 09:15 Welcome and introduction
- 09:20 Review of the SPS Agreement
 - Exercise: Are these SPS measures?
- 10:20 The SPS Agreement vs. the TBT Agreement
 - Exercise: Identifying SPS measures and TBTs
- 10:50 Status of SPS systems in Jordan (participants)
 - Food safety
 - Plant health
 - Animal health
- 11:30 Coffee break
- 11:45 Self-assessment of success in fulfilling SPS Agreement commitments
- Identification of problems fulfilling commitments
- Ensuring SPS measures are based on:
 - Scientific evidence
 - International standards, guidelines and recommendations (harmonization)
 - Measures applied only to the extent necessary
 - Lack of arbitrary or unjustified discrimination
 - Applied measures minimize trade distortions
 - Equivalence
 - Risk assessment
 - Adaptation to Regional conditions
 - Control, inspection and approval procedures (border control)
 - Transparency (notifications and communication with traders)

- 12:45 Discussion about results of self-assessment
- 13:45 Information to be supplied by participants
- 14:00 Adjourn

July 11, 2005, 09:00 – 14:00 (Day 2)

Objectives: 1) Understand principles and application of risk analysis; 2) Learn to use

qualitative risk assessment techniques

09:00 Registration and coffee

09:15 Risk Analysis: Theory

- 4 components
- Qualitative risk assessment
- Quantitative risk assessment

10:45 Qualitative risk assessment

An example assessing plant health risks

11:15 Coffee break

11:30 Group qualitative assessments

- Animal health protection
- Plant health protection
- Human health protection

12:45 Risk communication and risk management

Minimizing trade distortions

14:00 Adjourn

July 12, 2005, 09:00 – 14:00 (Day 3)

Adjourn

14:00

Objective:	1) Understand how to develop/use a qualitative risk assessment system; 2) Identify SPS measures that are inconsistent with the SPS Agreement; 3) Determine when higher protection is possible
09:00	Registration and coffee
09:10	Group exercise on qualitative risk assessment
11:10	Coffee break
11:30	Group exercise: identifying non-compliant SPS measures
13:30	Determining when higher protection is possible

July 13, 2005, 09:00 – 14:00 (Day 4)

Objectives:

1) Identify non-compliant SPS measures; 2) Understand when protection higher than international standard is possible; 3) Ensure that border control procedures are WTO-compliant; 4) Ensure that SPS inquiry and notification point is operating correctly, including assessment of notifications of WTO Members

- 09:00 Registration and coffee
- 09:05 Identifying non-compliant SPS measures
- 09:50 Group exercise: Identify non-compliant SPS measures
- 10:45 Coffee break
- 11:00 Border control procedures (participants)
 - Aqaba
 - Jordan customs border
- 11:45 Assessment of border control procedures for WTO compliance
- 12:45 Coffee break
- 13:00 SPS inquiry and notifications
 - Assessment of system (participants)
 - Private sector participation
 - Review/assessment of notifications of WTO Members

14:00 Adjourn

July 14, 2005, 09:00 – 14:00 (Day 5)

Objectives:

1) Be able to identify non-compliant SPS measures; 3) Identify critical information for importers and exporters that will facilitate trade; 3) Develop plan to disseminate guidelines to importers and exporters on SPS-related trade procedures

- 09:00 Registration and coffee
- 09:05 Review/comment on previous day's topics
- 09:15 Group exercise: Identify non-compliant SPS measures
- 10:15 What information do importers and exporters need to maximize trade opportunities?
 - Country-commodity import prohibitions for SPS reasons (import)
 - Health/safety and technical requirements for commodities (import and export)
 - Documentation requirements (import and export)
 - o Permits
 - o International/exporting country certification
 - Invoices
 - o Certificates of origin
 - Procedures that must be undertaken in the exporting country (import)
 - Procedures that must be undertaken in Jordan (export)
 - Transportation requirements (import and export)
 - Border procedures (import and export)
 - Reasons for rejection of consignments (import and export)
 - Costs of border control (inspection, testing, etc.) (import and export)
 - Health/safety requirements after import (import)

11:15 Coffee break

- 11:30 Group exercise: Outlining critical information for importers and exporters
- 13:30 Review of training series
 - Additional information on topics discussed
 - Additional training desired
- 14:00 Adjourn

ANNEX III: LIST OF HANDOUTS PROVIDED TO PARTICIPANTS

The following materials were provided to participants on compact disc:

SPS TRAINING AMIR JULY 2005

SPS Handbook_WTO_2002_e.doc (WTO)

Training Agenda-SPS-July2005_FINAL.doc

ANIMALS

Code of Good Practice on Animal Feeding_CODEX_CXC_054_2004e.pdf

Emergency Vet Measures_For Assessment.doc

Emergency Vet Measures_With Answers.doc

DISEASE CARDS

A010 - Foot and Mouth Disease.htm

A020 - Vesicular stomatitis.htm

A030 - Swine Vesicular Disease.htm

A040 - Rinderpest.htm

A050 - PESTE DES PETITS RUMINANTS.htm

A060 - CONTAGIOUS BOVINE PLEUROPNEUMONIA.htm

A070 - LUMPY SKIN DISEASE.htm

A080 - RIFT VALLEY FEVER.htm

A090 - BLUETONGUE.htm

A100 - SHEEP POX AND GOAT POX.htm

A110 - AFRICAN HORSE SICKNESS.htm

A120 - AFRICAN SWINE FEVER.htm

A130 - CLASSICAL SWINE FEVER (hog cholera).htm

A150 - HIGHLY PATHOGENIC AVIAN INFLUENZA.htm

A160 - NEWCASTLE DISEASE.htm

Anthrax.htm

Aujeszkys.htm

AvChlamydiosis.htm

AvInfectiousBronchitis.htm

AvInfectiousLaryngotracheitis.htm

AvMycoplasmosis.htm

AvTuberculosis.htm

BeAcariosis.htm

BeAmericanFoulbrood.htm

BeEuropeanFoulbrood.htm

BeIntroductoryNote.htm

BeNosemosis.htm

BeVarroosis.htm

BorderDisease.htm

BvAnaplasmosis.htm

ByBabesiosis.htm

ByBrucellosis.htm

BvBSE.htm

BvCysticercosis.htm

BvDermatophilosis.htm

BvGenitalCampylobacteriosis.htm

BvHaemorrhagicSepticaemia.htm

BvInfectiousRhino-PustularVulvovaginitis.htm

BvTheileriosis.htm

BVTrichomonosis.htm

BvTuberculosis-b.htm

BvTuberculosis.htm

BvViralDiarrhoea.htm

CpArthritis-Encephalitis-Maedi-Visna.htm

CpContagiousPleuropneumonia.htm

DuckVirusEnteritis.htm

DuckVirusHepatitis.htm

Echinococcosis-Hydatidosis.htm

EnzooticBovineLeukosis.htm

EqContagiousMetritis.htm

EqDourine.htm

EqEncephalomyelitis.htm

EqEpizooticLymphangitis.htm

EqGlanders.htm

EqInfectiousAnaemia.htm

EqInfluenza.htm

EqJapaneseEncephalitis.htm

EqPiroplasmosis.htm

EqRhinopneumonitis.htm

EqVenezuelanEncephalomyelitis.htm

EqViralArteritis.htm

FowlCholera.htm

FowlPox.htm

FowlTyphoidPullorum.htm

Heartwater.htm

IBD(Gumboro)Card.htm

InternationalStandardSera.htm

Leishmaniosis.htm

Leptospirosis.htm

LgMyxomatosis.htm

LgTularaemia.htm

LgViralHaemorrhagicDisease.htm

MalignantCatarrhalFever.htm

Mange.htm

Markeks.htm

NairobiSheepDisease.htm

OvBrucellosis.htm

OvContagious Agalactia.htm

OvEnzooticAbortionOfEwes.htm

OvEpididymitis.htm

OvPulmonaryAdenomatosis.htm

Paratuberculosis-Johnes.htm

PrAtrophicRhinitis.htm

PrBrucellosis.htm

PrEnterovirusEncephalomyelitis.htm

PrReproductiveAndRespiratorySyndrome.htm

PrTransmissibleGastroenteritis.htm

PrTrichinellosis.htm

OFever.htm

Rabies.htm

Salmonellosis.htm

Scrapie.htm

Screwworm.htm

Surra.htm

Trypanosomosis.htm

OIE CODE

avian_influenza_2005_REVISEDCode.pdf bse_2005_REVISED Code.pdf Terrestrial Animal Health Code-2004.doc

RISK ASSESSMENT

ahaw_Paratub via semen_en1.pdf Animal Health Status 2003.xls Import Requirements-Animals-Adjusted Formula.xls Quant Risk Assessment Salmonella_FAO.pdf

BORDER CONTROL

Border Control Compliance with Annex C.doc Border Controls.ppt Guide to Importing Food and Products-Australia.pdf Risk-Based Sampling of Food_Part 1.pdf Risk-Based Sampling of Food Part 2.pdf

FOOD

BORDER CONTROL

OASIS Violation Code translation_FDA Refusals.doc Refusal Actions by FDA as Recorded in OASIS.doc

CODEX STANDARDS

ANIMAL FEED

CXA_004_1993e-Classification of Foods and Animal Feeds.pdf CXC_054_2004e-Recommended Code of Practice on Good Animal Feeding.pdf

CXP_045e-Reducing Alfaxtoxin B1 in Raw Matls and Suppl Feed for Milk-Producing Animals.pdf

CEREALS, PULSES AND DERIVED PRODUCTS

CXS_151e-Gari.pdf

CXS_152e-Wheat Flour.pdf

CXS_153e-Maize.pdf

CXS_154e-Whole Maize Meal.pdf

CXS_155e-Degermed Maize Meal and Maize Grits.pdf

CXS_169e-Whole and Decorticated Pearl Millet Grains.pdf

CXS_170e-Pearl Millet Flour.pdf

CXS_171e-Certain Pulses.pdf

CXS_172e-Sorghum Grains.pdf

CXS_173e-Sorghum Flour.pdf

CXS_176e-Edible Cassava Flour.pdf

CXS_178e-Durum Wheat Semolina and Durum Wheat Flour.pdf

CXS_198e-Rice.pdf

CXS_199e-Wheat and Durum wheat.pdf

CXS_200e-Peanuts.pdf

CXS_201e-Oats.pdf

CXS_202e-Couscous.pdf

COCOA PRODUCTS

CXS_086e-Cocoa Butter.pdf

CXS_087e-Chocolate.pdf

CXS_105e-Cocoas and dry mixtures of cocoa and sugars.pdf

CXS_141e-Cocoa Mass and Cocoa Cake.pdf

CXS 142e-Composite and Filled Chocolate.pdf

CXS 147e-Cocoa Butter Confectionery.pdf

CONTAMINANTS

CXC_050e-Prevention Reduction of Patulin Contamination in Apple Juice.pdf

CXC 051e-Prevention Reduction Mycotoxins in Cereals.pdf

CXC_055_2004e-Code of Practice for Prevention Reduction Aflatoxin in Peanuts.pdf

CXC_056_2004e-Code of Practice Prevention and Reduction of Lead in Foods.pdf

CXG 005e-Radionuclides levels in Foods.pdf

CXG_006e-Guideline Levels Vinyl Chloride Monomer & Acrylonitrile in Food and Pkg Matl.pdf

CXG 007e-Guideline Levels Methylmercury in Fish.pdf

CXG_039e-Guideline Level Cadmium in Cereals Pulses Legumes.pdf

CXP_045e-Reducing Aflatoxing B1 in Raw Matls and Suppl Feed for Milk-Producing Animals.pdf

CXP_049e-Source Directed Measures to Reduce Chemical Contamination of Foods.pdf

CXS_193_2004e-General Std Contaminants and Toxins in Food.pdf

CXS_209e-Aflatoxins in Peanuts for Further Processing.pdf

CXS_230_2003e-Lead Max Levels.pdf

CXS_232e-Max Level Aflatoxin M1 in Milk.pdf

CXS_235_2003e-Max Level Patulin in Apple Juice.pdf

FATS AND OILS

CXP_036e-Storage Transport of Oils Fats in Bulk.pdf

CXS_019e-Fats & Oils not Covered by Indiv Stds.pdf

CXS_032e-Margarine.pdf

CXS_033e-Olive Oil.pdf

CXS_135e-Minarine.pdf

CXS_168e-Mayonnaise-European Std-MAY NOT BE CURRENT.pdf

CXS_210e-Named Vegetable Oils.pdf

CXS_211e-Named Animal Fats.pdf

FISH AND FISH PRODUCTS

CXG_031e-Sensory Evaluation of Fish and Shellfish in laboratories.pdf

CXP_009e-Fresh Fish.pdf

CXP 010e-Canned Fish.pdf

CXP_016e-Code of Practice for Frozen Fish.pdf

CXP_016e-Frozen Fish.pdf

CXP 017e-Shrimps or Prawns.pdf

CXP 018e-Molluscan Shellfish.pdf

CXP 024e-Lobsters.pdf

CXP 025e-Smoked Fish.pdf

CXP_026e-Salted Fish.pdf

CXP 027e-Minced Fish via Mechanical Separation.pdf

CXP_028e-Crabs.pdf

CXP 035e-Frozen Battered Breaded Fish Prods.pdf

CXP 037e-Cephalopods.pdf

CXS_003e-Canned Salmon.pdf

CXS_036e-Quick Frozen Finfish.pdf

CXS_037e-Canned Shrimp or Prawns.pdf

CXS 070e-Canned Tuna and Bonito.pdf

CXS 090e-Canned Crab Meat.pdf

CXS_092e-Quick Frozen Shrimp or Prawn.pdf

CXS 094e-Sardines and Sardine-Type Products.pdf

CXS_095e-Quick Frozen Lobsters.pdf

CXS 119e-Canned Finfish.pdf

CXS 165e-Quick Froz Blocks of Fish Fillets, Minced Fish, etc..pdf

CXS_166e-Quick Frozen Fish Sticks etc Breaded or in Batter.pdf

CXS_167e-Salted and Dried Salted Fish of Gadidae Family.pdf

CXS_189e-Dried Shark Fins.pdf

CXS_190e-Frozen Fish Fillets.pdf

CXS_190e-Quick Frozen Fish Fillets.pdf

CXS_191e-Quick Frozen Raw Squid.pdf

CXS_222e-Crackers from Marine and Freshwater Fish Crustacean and Molluscs.pdf

FOOD ADDITIVES

CXA_001e-General Principles for Use of Food Additives.pdf

CXA_003e-Inventory of Processing Aids.pdf

CXA_006e-List of Codex Advisory Specification for Food Add.pdf

CXC_019_2003e-International Code of Practice for Radiation Processing of Food.pdf

CXG_003e-Guidelines Simple Eval of Food Add Intake.pdf

CXG_029e-General Requirments for Natural Flavourings.pdf

CXS_106_2003e-Gen Std for Irradiated Foods.pdf

CXS_107e-General Std Labelling Food Additives Sold as Such.pdf

CXS_150e-Food Grade Salt.pdf

CXS_192_2004e-General Std for Food Additives.pdf

FOOD HYGIENE

CXC_057_2004e-Code of Hygienic Practice for Milk and Milk Products.pdf

CXG_013e-Preservation of Raw Milk by Lactoperoxidase System.pdf

CXG_014e-Guide for Microbio Qlty of Spices & Herbs used in Proc Meat and Poultry Prods.pdf

CXG_017e-Guidelines re Visual Insp Lots of Canned Food.pdf

CXG_021e-Principles for Establishing & Application of Microbio Criteria for Foods.pdf

CXG_022e-Design of Control Measures for Street-Vended Food in Africa.pdf

CXG_030e-Principles and Guidelines for Conduct of Microbiological Risk Assessment.pdf

CXG_052e-General Principles of Meat Hygiene.pdf

CXP_001e-GeneralPrinciplesFoodHygiene.pdf

CXP_008e-Processing and Handling Quick Frozen Foods.pdf

CXP_023e-Low Acid and Acidified Low Acid Canned Foods.pdf

CXP_030e-Processing of Frog Legs.pdf

CXP_039e-Precooked and Cooked Foods in Mass Catering.pdf

 $CXP_040e\hbox{-}Aseptically\ Processed\ and\ Pkgd\ Low\ Acid\ Foods.pdf$

CXP_042e-Spices and Dried Aromatic Plants.pdf

CXP_043e-Prep and Sale of Street Foods (Latin Am and Caribbean).pdf

CXP_046e-Refrigerated Packaged Foods with Extended Shelf Life.pdf

CXP_047e-Transport of Food in Bulk and Semi-Packed Food.pdf

CXS_001e-General Std for Labelling Prepackaged Foods.pdf

FOOD LABELLING

CXG_001e-General Guidelines on Claims.pdf

CXG_002e-Nutrition Labelling.pdf

CXG_023e-Use of Nutrition Claims.pdf

CXG_024e-Use of Term Halal.pdf

CXG_032e-Production Proc Labelling Marketing of Organically Produced Foods.pdf

CXG_035e-Packing Media (Composition and Labelling).pdf

CXS_001e-Labelling PrePack Food.pdf

CXS_180e-Labelling Food for Spec Med Purposes.pdf

FRESH FRUIT VEGETABLES

CXP_044e-Packaging and Transport Tropical Fruit and Vegetables.pdf

CXS_040e-Fresh Fungus Chanterelle-European Std.pdf

CXS_182e-Pineapple.pdf

CXS 184e-Mango.pdf

CXS_185e-Nopal.pdf

CXS_186ePricklyPear.pdf

CXS_188e-Baby Corn.pdf

CXS_196e-Litchi.pdf

CXS_197e-Avocado.pdf

CXS_204e-Mangosteens.pdf

CXS 205e-Bananas.pdf

CXS 213e-Limes.pdf

CXS_214e-Pummelos (Citrus grandi).pdf

CXS 215e-Guavas.pdf

CXS_216e-Chayotes.pdf

CXS 217e-Mexican Limes.pdf

CXS 218e-Ginger.pdf

CXS_219e-Grapefruits (Citrus paradisi).pdf

CXS 220e-Longans.pdf

CXS_224e-Tannia.pdf

CXS 225e-Asparagus.pdf

CXS 226e-Cape Gooseberry.pdf

FRUIT AND LEGUME JUICES

CXA_007e-Analysis and Sampling for Fruit Juices and Related Products.pdf

FRUIT JUICES

CXG_011e-Mixed Fruit Juices.pdf

CXG_012e-Mixed Fruit Nectars.pdf

CXS_044e-Apricot Peach Pear Nectar Presv by Physical Means.pdf

CXS_045e-Orange Juice Presv by Physical Means.pdf

CXS_046e-Gapefruit Juice Presv by Physical Means.pdf

CXS_047e-Lemon Juice Presv by Physical Means.pdf

CXS_048e-Apple Juice Presv by Physical Means.pdf

CXS_049e-Tomato Juice Presv by Physical Means.pdf

CXS_063e-Concentrated Apple Juice Presv by Physical Means.pdf

CXS_064e-Concentrated Orange Juice Presv by Physical Means.pdf

CXS_082e-Grape Juice Presv by Physical Means.pdf

CXS_083e-Concentrated Grape Juice Presv by Physical Means.pdf

CXS_085e-Concentrated Labrusca Type Grape Juice Sweetnd Presv by Phys Means.pdf

CXS_085e-Pineapple Juice Presv by Physical Means.pdf

CXS_101e-Non-pulpy Black Currant Nectar Presv by Physical Means.pdf

CXS_120e-Black Currant Juice Presv by Physical Means.pdf

CXS_121e-Concentrated Black Currant Juice Presv by Physical Means.pdf

CXS_122e-Pulpy Nectars of Certain Small Fruits Presv by Physical Means.pdf

CXS_134e-Nectars of Certain Citrus Fruits Presv by Physical Means.pdf

CXS_138e-Concentrated Pineapple Juice Presv by Physical Means.pdf

CXS_139e-Concentrated Pineapple Juice with Presvatives for Manufacturing.pdf

CXS_148e-Guava Nectar Presv by Physical Means.pdf

CXS 149e-Liquid Pulpy Mango Prods Presv by Physical Means.pdf

CXS_161e-Fruit Juices Presv by Physical Means Not Covered Otherwsie.pdf

CXS_164e-Fruit Juices Presv by Physical Means Not Otherwise Covered.pdf

CXS_179e-Vegetable Juices.pdf

GENERAL

CXG_045e-Guideline for Food Safety Assess of Foods from Recombinant DNA Plants.pdf

CXG_046e-Guideline Food Safety Assess of Foods from Recombiant DNA Microorganisms.pdf

CXP 020e-Code of Ethics for Intl Trade in Food.pdf

INSPECTION CERTIFICATION

CXG_019_2004e-Exch Info in Food Control Emergency Situations.pdf

CXG_020e-Principles of Food Imp & Exp Cert & Insp.pdf

CXG_025e-Exch of Info between Countries re Rejections of Imported Foods.pdf

CXG_026e-Design Operate Assess & Accredit Food Imp & Exp Insp & Cert Systems.pdf

CXG_034e-Judgement of Equiv Agreements re Food Imp Exp Insp Cert Systems.pdf

CXG_038e-Generic Official Cert Formats and Prod & Issue of Certs.pdf

CXG_047e-Food Import Control Systems.pdf

CXG_053e-Judgement of Equiv of Sanitary Measures re Food Insp Cert Systems.pdf

MAX RESIDUE LEVELS

CXA_004_1993e-Classification of Foods and Animal Feeds.pdf

CXA_005e-Glossary (Vet Drug Residues in Foods).pdf

CXG_016e-Establish Reg Prog for Control Vet Drug Residue.pdf

CXG_033e-Sampling for Pesticide Residues.pdf

CXG 040e-Anal of Pest Residue-Guideline re Lab Practice.pdf

CXG_041e-Anal of Pest Residues-Portion of Commodity to which Codex MRLs Apply.pdf

CXP_038e-Control of the Use of Vet Drugs.pdf

CXS_229e-Anal of Pest Residue-Recommended Methods.pdf

International MRLs.zip

MRLs for pesticides in food (Codex).xls

MRLs for vet drugs in food (Codex).xls

MRL 002e-Max Residue Limits for Vet Drugs in Food.pdf

MEAT, POULTRY AND EGGS

CXG_014e-Microbio Olty of Inputs to Processed Meat.pdf

CXG_015e-Use of Non-Meat Protein in Proc Meat.pdf

CXP_011e-Fresh Meat.pdf

CXP_013e-Processed Meat and Poultry Products.pdf

CXP 014e-Poultry Processing.pdf

CXP 015e-Egg Products.pdf

CXP 029e-Game.pdf

CXP_032e-Prodn, Stor & Comp of Mechanically Sep Meat.pdf

CXP_041e-Ante- and Post-mortem Inspection Animals.pdf

CXS 088e-Corned Beef.pdf

CXS 089e-Luncheon Meat.pdf

CXS_096e-Cooked Cured Ham.pdf

CXS 097e-Cooked Cured Pork Shoulder.pdf

CXS_098e-Cooked Cured Chopped Meat.pdf

METHODS OF ANALYSIS

CXA_007e-Methods of Anal and Smplg for Fruit Juices and Related Products.pdf

CXG_027e-Assessing Competence of Testing Labs for Traded Food.pdf

CXG_028e-Food Control Lab Mgmt Recommendations.pdf

CXG_037e-Use of Recovery Info in Analytical Measurement.pdf

CXS_231e-Detection of Irradiated Food.pdf

CXS_233e-Smpling Plan PrePackaged Foods.pdf

CXS_234e-Recommended Methods Anal & Smpling.pdf

CX_228e-General Methods for Analysis for Contaminants.pdf

MILK PRODUCTS

CXG_013e-Presv Raw Milk by Lactoperoxidase System.pdf

CXP_031e-Dried Milk.pdf

CXS_206e-Use of Dairy Terms.pdf

CXS_207e-Milk Powders and Cream Powder.pdf

CXS_208e-Cheese in Brine (group std).pdf

CXS_221e-Group Std for Unripened Cheese incl Fresh Cheese.pdf

CXS_243e-Std for Fermented Milks.pdf

CXS_A01e-Butter.pdf

CXS_A02e-Milkfat Products.pdf

CXS_A03e-Evaporated Milks.pdf

CXS_A04e-Sweetened Condensed Milks.pdf

CXS A06 2003e-Cheese.pdf

CXS_A07e-Whey Cheeses.pdf

CXS_A09_2003e-Cream and Prepared Creams.pdf

CXS_A15_2003e-Whey Powders.pdf

CXS A18e-Edible Casein Products.pdf

CXS C01e-Cheddar.pdf

CXS C03e-Danbo.pdf

CXS_C04e-Edam.pdf

CXS C05e-Gouda.pdf

CXS_C06e-Havarti.pdf

CXS C07e-Samsoe.pdf

CXS C09e-Emmentaler.pdf

CXS_C11e-Tilsiter.pdf

CXS_C13e-Sanit Paulin.pdf

CXS C15e-Provolone.pdf

CXS C16e-Cottage Cheese.pdf

CXS_C18e-Coulommiers.pdf

CXS_C31e-Cream Cheese.pdf

CXS_C33e-Camembert.pdf

CXS_C34e-Brie.pdf

CXS_C35e-Extra Hard Grating Cheese.pdf

CXSA08ae-Named Variety Process Cheese.pdf

CXSA08be-Process and Spreadable Cheese.pdf

CXSA08ce-Process Cheese Preps.pdf

MISCELLANEOUS PRODUCTS

CXP_033e-Collecting Processing Marketing Natural Mineral Waters.pdf

CXS_048e-Bottled Packaged Drinking Water Not Natural Mineral.pdf

CXS_108e-Natural Mineral Waters.pdf

CXS_117e-Bouillons and Consommes.pdf

CXS_227e-General Std for Bottled Packaged Drinking Water Not Natural Mineral.pdf

PROCESSED AND QUICK FROZEN FRUITS & VEGETABLES

CXG_035e-Packing Media (Comp and Labelling).pdf

CXP_002e-Canned Fruit and Vegetable Products.pdf

CXP_004e-Desiccated Coconut.pdf

CXP_005e-Dehydrated Fruits and Vegs Incl Edible Fungi.pdf

CXP_006e-Tree Nuts.pdf

CXP_022e-Groundnuts (Peanuts).pdf

CXS_013e-Canned Tomatoes.pdf

CXS_014e-Canned Peaches.pdf

CXS_015e-Canned Grapefruit.pdf

CXS_016e-Canned Green Beans and Wax Beans.pdf

CXS_017e-Canned Applesauce.pdf

CXS_018e-Canned Sweet Corn.pdf

CXS_038e-Edible Fungi and Fungus Products.pdf

CXS 039e-Dried Edible Fungi.pdf

CXS 041e-Quick Frozen Peas.pdf

CXS 042e-Canned Pineapple.pdf

CXS 052e-Quick Frozen Strawberries.pdf

CXS_055e-Canned Mushrooms.pdf

CXS 056e-Canned Asparagus.pdf

CXS_057e-Processed Tomato Concentrates.pdf

CXS 058e-Canned Green Peas.pdf

CXS 059e-Canned Plums.pdf

CXS_060e-Canned Raspberries.pdf

CXS 061e-Canned Pears.pdf

CXS_062e-Canned Strawberries.pdf

CXS 066e-Table Olives.pdf

CXS 067e-Raisins.pdf

CXS_068e-Canned Mandarin Oranges.pdf

CXS 069e-Quick Frozen Raspberries.pdf

CXS_075e-Quick Frozen Peaches.pdf

CXS 076e-Quick Frozen Bilberries.pdf

CXS_077e-Quick Frozen Spinach.pdf

CXS_078e-Canned Fruit Cocktail.pdf

CXS_079e-Jams (Fruit Preserves) and Jellies.pdf

CXS_080e-Citrus Marmalade.pdf

CXS_081e-Canned Mature Processed Peas.pdf

CXS_099e-Canned Tropical Fruit Salad.pdf

CXS_103e-Quick Frozen Blueberries.pdf

CXS_104e-Quick Frozen Leek.pdf

CXS_110e-Quick Frozen Broccoli.pdf

CXS_111e-Quick Frozen Cauliflower.pdf

CXS_112e-Quick Frozen Brussels Sprouts.pdf

CXS_113e-Quick Frozen Green and Wax Beans.pdf

CXS_114e-Quick Frozen French Fried Potatoes.pdf

CXS_115e-Pickled Cucumbers.pdf

CXS_116e-Canned Carrots.pdf

CXS_129e-Canned Apricots.pdf

CXS_130e-Dried Apricots.pdf

CXS_131e-Unshelled Pistachio Nuts.pdf

CXS_132e-Quick Frozen Whole Kernel Corn.pdf

CXS_133e-Quick Frozen Corn-on-the-Cob.pdf

CXS_140e-Quick Frozen Carrots.pdf

CXS_143e-Dates.pdf

CXS_144e-Canned Palmito.pdf

CXS 145e-Canned Chestnuts and Chestnut Puree.pdf

CXS_159e-Canned Mangoes.pdf

CXS_160e-Mango Chutney.pdf

CXS 177e-Dried Fruits.pdf

CXS 177e-Grated Desiccated Coconut.pdf

CXS_223e-Kimchi.pdf

SPECIAL DIETARY USES

CXA_002e-Statement on Infant Feeding.pdf

CXG_008e-Formulated Supplementary Foods for Older Infants and Young Children.pdf

CXG_009e-Addition of Essential Nutrients to Food.pdf

CXG_010e-Advisory List Mineral Salts & Vitamin Cmpnds for Food for Infants & Children.pdf

CXP_021e-Foods for Infants and Children.pdf

CXS 053e-Special Dietary Foods with Low Sodium Content.pdf

CXS_072e-Infant Formula.pdf

CXS 073e-Canned Baby Foods.pdf

CXS_074e-Processed Cereal Based Foods for Infants & Children.pdf

CXS 118e-Gluten Free Foods.pdf

CXS_146e-Labelling of and Claims for Prepackaged Food for Special Dietary Use.pdf

CXS_156e-Follow Up Formula.pdf

CXS_180e-Labelling and Claims for Foods for Special Medical Purposes.pdf

CXS_181e-Formula Foods for Use in Weight Control Diets.pdf

CXS_203e-Formula Foods for Use in Very Low Energy Diets for Weight Loss.pdf

SUGARS AND HONEY

CXS_012e-Honey.pdf

CXS_212e-Sugars.pdf

VEGETABLE PROTEINS

CXG_004e-Utilization of Vegetable Protein Products in Foods.pdf

CXS_163e-Wheat Protein Products.pdf

CXS_174e-Vegetable Protein Products.pdf

CXS_175e-Soy Protein Products.pdf

FOOD LABELLING

Australia Transitional Standard for Country of Origin Labelling on Food.doc

AUSTRALIAN P292 CoOL DAR1.doc

MAXIMUM RESIDUE LEVELS

Maximum Residue Levels

AUSTRALIA fsc 1 4 2 MRLs schedule1 v77.doc

AUSTRALIA MPLs Microbiologicals.doc

AUSTRALIA P297 MRL 2,4-D in Grapes IADAR.doc

Canadian MRLs.xls

CODEX MRLs 12-04-2005.xls

EU Max Pest Residues_1_29120021028en00010019.pdf

FullMRLsFromCODEX.zip

International MRLs Cattle.pdf

International MRLs Pigs.pdf

International MRLs Sheep.pdf

nzl325-ft.pdf

RISK ASSESSMENT

ALICOM 99-Appropriate Level of Protection.doc

ALICOM 99-Risk.doc

CXG 030e Microbiologicals RA.pdf

Example of Quantitative Risk Assessment_EU Iodine1.pdf

Quant Risk Assessment Salmonella_FAO.pdf

WHOFAO Food RA March1995.pdf

PLANTS

Approved F&V Israel and Jordan.xls

Concordance Latin-Common Plant Names.xls

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DeterminingRegulatedPests-Jordan2005.xls
EPPO A1&A2.xls
EXERCISE_Sch6_PlantProtection_India.pdf
Jordan A1 & A2 Lists.xls
Jordan Pests Present & NEPPO ListA.xls
PlantPestsbyCrop.xls
pm1-03-e.doc
pm1-04-e.doc
pm3-59-e.doc
SUE-JO-00.doc
US Fruits and Vegetable Import Manual.pdf
US PRA Israel parsley.pdf
EPPO PHYTO MEASURES
    pm1-01(2).pdf
    pm1-02(13).pdf
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    pp2-05-e.doc
    pp2-06-e.doc
    pp2-07-e.doc
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pp2-20-e.doc
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     pp2-33(1)-e.pdf
IPPC DOCUMENTS
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     Draft ISPM-CC_2004_Glossary.doc
     Draft ISPM-CC_2004_inspection.doc
     Draft ISPM-CC_2004_transit.doc
     IPSM_02_English-Guidelines for Pest Riks Analysis.pdf
     ISPM_01_English-Principles of Plant Quarantine Re Intl Trade .pdf
     ISPM 03 English-Import and Release of Biological Control Agents.pdf
     ISPM 04 English-Establishment of Pest Free Areas.pdf
     ISPM_05_English GLOSSARY 2004.pdf
     ISPM_05_En_Fr_Sp-Glossary.pdf
     ISPM 06 English-Guidelines for Surveillance.pdf
     ISPM 07 English-Export Certification System.pdf
     ISPM 08 English-Determination of Pest Status.pdf
    ISPM 09 English-Guidelines for Pest Eradication Schemes.pdf
     ISPM_10_English-Establishing Pest Free Places of Production.pdf
     ISPM 11 Rev1 English-Quarantine
                                          Pest
                                                 Risk
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                                                                    with
       Environmental Risk.pdf
    ISPM 12 English-Guidelines for Phtyosanitary Certificates.pdf
     ISPM 13 English-Guidelines for Notification of Non-Compliance.pdf
     ISPM 14 English-Integrated Measures in Pest Managment.pdf
     ISPM 15Mark.tiff
    ISPM_15_English-Guidelines for Regulating Wood Packing Material.pdf
     ISPM 16 English-Regulated Non-Quarantine Pests.pdf
     ISPM 17 English-Pest Reporting.pdf
     ISPM_18_English-Guidelines for Use of Irradiation.pdf
     ISPM 19 English-Guidelines on Lists of Regulated Pests.pdf
     ISPM_20_English-Guidelines for a Phytosanitary Import Regulatory
       System.pdf
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AMIR Program 30

ISPM 21 English-PRA forRegulated Non-Quarantine Pests.pdf

PEST DATA SHEETS

ACLRSP_ds.pdf

ACUPFU_ds.pdf

AELSSA_ds.pdf

AELSSA_ds_DRAFT.pdf

ALECSN_ds.pdf

ALECWO_ds.pdf

ALTEKI_ds.pdf

ALTEMA_ds.pdf

AMAZMA_ds.pdf

ANMLOR_ds.pdf

ANOLGL_ds.pdf

ANOLMA_ds.pdf

ANSTFR_ds.pdf

ANSTLU_ds.pdf

ANSTOB_ds.pdf

ANSTSU_ds.pdf

ANTHBI_ds.pdf

ANTHEU_ds.pdf

ANTHGR_ds.pdf

ANTHSI_ds.pdf

AONDCI ds.pdf

APLOBE_ds.pdf

APLPV0 ds.pdf

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APMV00_ds.pdf

ARCHCO_ds.pdf

ARCHOC_ds.pdf

ARESP_ds.pdf

ARMV00 ds.pdf

ATRPSP_ds.pdf

BCTV00 ds.pdf

BEMITA_ds.pdf

BGMV00 ds.pdf

BLCV00_ds.pdf

BLMOV0_ds.pdf

BNYVV0_ds.pdf

BURSXY_ds.pdf

CACYMA_ds.pdf

CARSSA_ds.pdf

CCCVD0_ds.pdf

CEPCAL_ds.pdf

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CERAFP_ds.pdf

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CERCAN_ds.pdf

CERSPD_ds.pdf

CERTCA_ds.pdf

CERTCO_ds.pdf

CERTCY_ds.pdf

CERTQU_ds.pdf

CERTRO_ds.pdf

CEWGV0_ds.pdf

CHMYAR_ds.pdf

CHONFU_ds.pdf

CHONRO_ds.pdf

CILV00_ds.pdf

CIMV00_ds.pdf

CIRCTE_ds.pdf

CIRSV0_ds.pdf

CLRV00_ds.pdf

COLLAC_ds.pdf CONHNE ds.pdf

CORBFL_ds.pdf

CORBIN_ds.pdf

CORBMI_ds.pdf

CORBSE_ds.pdf

CPMMV0 ds.pdf

CRLV00_ds.pdf

CRONCL ds.pdf

CRONCO_ds.pdf

CRONCP_ds.pdf

CRONFU_ds.pdf

CRONHI_ds.pdf

CRONKA_ds.pdf

CRONQU ds.pdf

CRSPAN_ds.pdf

CRYPMA ds.pdf

CSB000_ds.pdf

CSNV00 ds DRAFT.pdf

CSVD00_ds.pdf

CTLV00_ds.pdf

CTV000_ds.pdf

CVYV00_ds_DRAFT.pdf

CYDIIN ds.pdf

DACUCI ds.pdf

DACUCM_ds.pdf

DACUCT_ds.pdf

DACUCU_ds.pdf

DACUDO ds.pdf

DACUTR_ds.pdf

DACUTS_ds.pdf

DACUZO_ds.pdf

DACUZO_ds_DRAFT REV.pdf

DENCAD_ds.pdf

DENCBR_ds.pdf

DENCFR_ds.pdf

DENCMI_ds.pdf

DENCPO_ds.pdf

DENCPS_ds.pdf

DENCRU_ds.pdf

DENDSI_ds.pdf

DENDSI_ds_DRAFT.pdf

DEUTTR_ds.pdf

DIAACI_ds.pdf

DIABSP_ds.pdf

DIABUN_ds.pdf

DIAPVA_ds.pdf

DIBOMO ds.pdf

DIPDSP_ds.pdf

DITYDE_ds.pdf

DITYDI_ds.pdf

DRYCKU_ds.pdf

DRYCKU ds DRAFT.pdf

DRYOCN_ds.pdf

ELSISP ds.pdf

ENDCHA_ds.pdf

ENDOPA_ds.pdf

EOTELE_ds.pdf

EPIXTU_ds.pdf

EPOCCA_ds.pdf

ERSHMU ds.pdf

ERSHMU_ds_DRAFT.pdf

ERWIAM ds.pdf

ERWICH_ds.pdf

ERWIST ds.pdf

EUMV00_ds.pdf

EUTEOR_ds.pdf

 $FRANOC_ds.pdf$

 $FUSAAL_ds.pdf$

GILPPO ds.pdf

GLOMGO_ds.pdf

GNAHSU_ds.pdf

GNOMUL ds DRAFT.pdf

GONPSC_ds.pdf

GRAGLE ds.pdf

GREMAB_ds.pdf

GUIGCI_ds.pdf

GUIGLA_ds.pdf

GYMNAS_ds.pdf

GYMNCL_ds.pdf

GYMNGL_ds.pdf

GYMNJV_ds.pdf

GYMNYA_ds.pdf

HELIAR_ds.pdf

HELIZE_ds.pdf

HETDGL_ds.pdf

HETDSP_ds.pdf

HETRAR_ds.pdf

HYPOMA_ds.pdf

HYROBO_ds.pdf

INONWE_ds.pdf

INSV00_ds.pdf

IPSXAM_ds.pdf

IPSXCA_ds.pdf

IPSXCE_ds.pdf

IPSXCO_ds.pdf

IPSXDU_ds.pdf

IPSXGR_ds.pdf

IPSXLE_ds.pdf

IPSXPI_ds.pdf

IPSXPL_ds.pdf

IPSXSE_ds.pdf

IPSXTY_ds.pdf

LAPHFR_ds.pdf

LASPPA_ds.pdf

LASPPR_ds.pdf

LCHV00 ds.pdf

LEPGWA_ds.pdf

LEPSUS ds.pdf

LEPSUS_ds_DRAFT.pdf

LIBESP ds.pdf

LIRIBO_ds.pdf

LIRIHU_ds.pdf

 $LIRISA_ds.pdf$

LIRITR_ds.pdf

LIYV00 ds.pdf

LOPLJA_ds.pdf

LPTNDE_ds.pdf

MALAAM_ds.pdf

MALADI_ds.pdf

MALAPA ds DRAFT.pdf

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